1. Write an algorithm to implement access modifier functionality.

Create two separate classes **Health**& **HealthDriver**inside  com.greatlearning.corejava; package

Declare variables age(int), weight(float) & bmi(float) inside class Health as **protected**.

Display all the variable in class HealthDriver

After writing the algorithm, write suitable code, run the program, and check the output.

**Algorithm**

Step 1 – create a package com.greatlearning.corejava

Step 2- create class name “Health” inside the Package using class modifier “protected”

Step 3- declare the variables:-

protected int age;

protected float weight;

protected float bmi;

step 4:- create a seprate class “HealthDriver” in the same coding page (same package).

Step 5- inside the “HealthDriver” class, create object and call the Class Health.

Step 6- inside the “HealthDriver” class call the Variables one after another.

Step 7:- inside the “healthDriver” class use the SOP to display the value on the output.

Step 8- close the code with curly braces }.